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PTO/SB/21 (03-03)

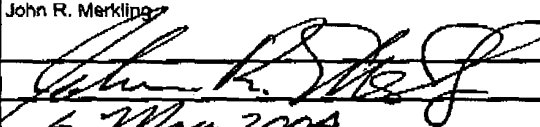
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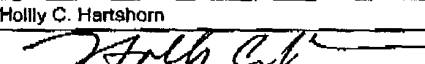
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/709,079
	Filing Date	April 12, 2004
	First Named Inventor	HLAVINKA, et al
	Art Unit	1723
	Examiner Name	not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	B0023-US02

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks This transmittal form Information Disclosure Statement Form PTO 1449 Two Form PTO 1449's for parent application US 10/005,431 International Search Report for PCT/US01/46940	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	John R. Merklings
Signature	
Date	6 May 2004

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Atty. Docket No.: B0023-US02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hlavinka et al)

Examiner: not assigned

Serial No.: 10/709,079)

Art Unit: 1723

Filed: April 12, 2004)

For: Method for Fluid Separation Devices Using)
A Fluid Pressure Balanced Configuration)

EFS ID No. 58828

Customer Number: 24994

Commissioner of Patents
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INFORMATION DISCLOSURE STATEMENT

Sir,

Pursuant to 37 C.F.R. § 1.56, Applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449. It is believed this Information Disclosure Statement is being filed within three months of the filing date of the above-referenced patent application as well as before the first Office Action on the merits.

This application is a divisional of U.S. Application No. 10/005,431 filed November 2, 2001, now awaiting issuance. The Examiner is referred to the files of this application for documents of record. Copies of Information Disclosure Statements filed in this case are included for the Examiner's reference. Also included is a copy of the International Search Report for corresponding application PCT/US01/46940. References cited in the Report were submitted in parent Application 10/005,431.

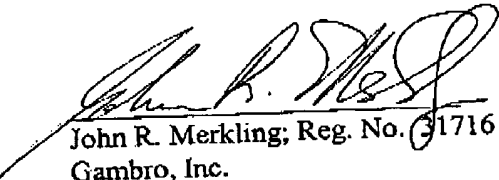
This submission does not represent that a search has been made or that no better information exists and does not constitute an admission that each or all of the listed documents alone or in combination, are considered to be material to patentability as defined under 37 C.F.R. § 1.56(b).

Atty. Docket No.: B0023-US02

It is believed no fee is required in connection with the filing of this statement. If this is incorrect, please charge any such fee to deposit account 03-2316.

Respectfully submitted,

5 May 2004
Dated


John R. Merkling; Reg. No. 31716
Gambro, Inc.
10810 West Collins Avenue
Lakewood, Colorado 80215
(303) 239-2362

Sheet 1 of 7

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 80023-US02	SERIAL NO. 10/709079
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HLAVINKA, et al	
(Use several sheets if necessary)	FILING DATE 4/12/04	GROUP ART

U.S. PATENT DOCUMENTS

EXAMINER/INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	Re. 33,924	5/1992	Valeri			
	3,145,713	8/1964	Latham, Jr.			
	3,519,201	7/1970	Eisel et al.			
	3,655,123	4/1972	Judson et al.			
	3,737,096	6/1973	Jones et al.			
	3,748,101	7/1973	Jones et al.			
	3,825,175	7/1974	Sartory			
	3,880,592	4/1975	Kelly et al.			
	3,955,756	5/1976	Brellatt, Jr. et al.			
	3,986,442	10/1976	Khoja et al.			
	4,007,871	2/1977	Jones et al.			
	4,010,894	3/1977	Kellogg et al.			
	4,018,304	4/1977	Lolachi et al.			
	4,059,108	11/1977	Latham, Jr.			
	4,086,924	5/1978	Latham, Jr.			
	4,094,461	6/1978	Kellogg et al.			
	4,108,353	8/1978	Brown			
	4,109,852	8/1978	Brown et al.			
	4,109,854	8/1978	Brown			
	4,109,855	8/1978	Brown et al.			
	4,111,356	9/1978	Boggs et al.			
	4,113,173	9/1978	Lolachi			
	4,114,802	9/1978	Brown et al.			
	4,120,448	10/1978	Cullis			
	4,120,449	10/1978	Brown et al.			
	4,146,172	3/1979	Cullis et al.			

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Sheet 2 of 7

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0023-US02	SERIAL NO. 10/709079
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HLAVINKA, et al	
(Use several sheets if necessary)	FILING DATE 4/12/04	GROUP ART

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,164,318	8/1979	Boggs			
	4,185,629	1/1980	Cullis et al.			
	4,187,979	2/1980	Cullis et al.			
	4,191,182	3/1980	Popovich et al.			
	4,194,684	3/1980	Boggs			
	4,216,770	8/1980	Cullis et al.			
	4,245,383	1/1981	Boggs			
	4,303,193	12/1981	Latham, Jr.			
	4,304,357	12/1981	Schoendorfer			
	4,330,080	5/1982	Mathieu			
	4,332,351	6/1982	Kellogg et al.			
	4,379,452	4/1983	DeVries			
	4,386,730	6/1983	Mulzet			
	4,387,848	6/1983	Kellogg et al.			
	4,402,680	9/1983	Schoendorfer			
	4,416,654	11/1983	Schoendorfer et al.			
	4,416,778	11/1983	Rogers			
	4,417,884	11/1983	Schoendorfer et al.			
	4,421,503	12/1983	Latham, Jr. et al.			
	4,425,112	1/1984	Ito			
	4,430,072	2/1984	Kellogg et al.			
	4,435,293	3/1984	Graham, Jr. et al.			
	4,436,631	3/1984	Graham, Jr. et al.			
	4,439,178	3/1984	Mulzet			
	4,447,221	5/1984	Mulzet			
	4,464,167	8/1984	Schoendorfer et al.			
	4,482,342	11/1984	Lueptow et al.			
	4,526,515	7/1985	DeVries			

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Sheet 3 of 7

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0023-US02	SERIAL NO. 10709079
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HLAVINKA, et al	
(Use several sheets if necessary)	FILING DATE 4/12/04	GROUP ART

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,531,932	7/1985	Luppi et al.			
	4,557,719	12/1985	Neumann et al.			
	4,610,846	9/1986	Martin			
	4,636,193	1/1987	Cullis			
	4,637,813	1/1987	DeVries			
	4,647,279	3/1987	Mulzet et al.			
	4,670,147	6/1987	Schoendorfer et al.			
	4,675,106	6/1987	Schoendorfer et al.			
	4,675,117	6/1987	Neumann et al.			
	4,696,666	9/1987	Rice, Jr.			
	4,708,712	11/1987	Mulzet			
	4,713,176	12/1987	Schoendorfer et al.			
	4,734,089	3/1988	Cullis			
	4,738,655	4/1988	Brimhall et al.			
	4,740,313	4/1988	Schoendorfer et al.			
	4,753,729	6/1988	Schoendorfer et al.			
	4,755,300	7/1988	Fischel et al.			
	4,776,964	10/1988	Schoendorfer et al.			
	4,790,807	12/1988	Neumann et al.			
	4,804,363	2/1989	Valeri			
	4,806,247	2/1989	Schoendorfer et al.			
	4,816,151	3/1989	Schoendorfer et al.			
	4,834,890	5/1989	Brown et al.			
	4,850,995	7/1989	Tie et al.			
	4,850,998	7/1989	Schoendorfer			
	4,851,126	7/1989	Schoendorfer			
	4,869,812	9/1989	Schoendorfer et al.			
	4,879,040	11/1989	Prince et al.			

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0023-US02	SERIAL NO. 10/709079
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HLAVINKA, et al	
(Use several sheets if necessary)	FILING DATE 4/12/04	GROUP ART

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,911,833	3/1990	Schoendorfer et al.			
	4,919,817	4/1990	Schoendorfer et al.			
	4,934,995	6/1990	Cullis			
	4,935,002	6/1990	Gordon			
	4,940,543	7/1990	Brown et al.			
	4,943,273	7/1990	Pages			
	4,944,883	7/1990	Schoendorfer et al.			
	4,968,295	11/1990	Neumann			
	4,983,158	1/1991	Headley			
	4,990,132	2/1991	Unger et al.			
	5,006,103	4/1991	Bacehowski et al.			
	5,034,135	7/1991	Fischel			
	5,053,121	10/1991	Schoendorfer et al.			
	5,053,127	10/1991	Schoendorfer et al.			
	5,061,381	10/1991	Burd			
	5,104,526	4/1992	Brown et al.			
	5,114,396	5/1992	Unger et al.			
	5,135,667	8/1992	Schoendorfer			
	5,147,290	9/1992	Jonsson			
	5,171,456	12/1992	Hwang et al.			
	5,186,844	2/1993	Burd et al.			
	5,188,583	2/1993	Guigan			
	5,194,145	3/1993	Schoendorfer			
	5,217,426	6/1993	Bacehowski et al.			
	5,217,427	6/1993	Cullis			
	5,260,598	1/1993	Brass et al.			
	5,275,731	1/1994	Jahn			
	5,281,342	1/1994	Biesel et al.			

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0023-US02	SERIAL NO. 10709079
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT HLAVINKA, et al	
(Use several sheets if necessary)	FILING DATE 4/12/04	GROUP ART

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,295,953	3/1994	Richard et al.			
	5,298,171	3/1994	Biesel			
	5,370,802	12/1994	Brown			
	5,376,263	12/1994	Fischel			
	5,405,308	4/1995	Headley et al.			
	5,421,812	6/1995	Langley et al.			
	5,445,593	8/1995	Biesel et al.			
	5,464,534	11/1995	Fischel			
	5,494,592	2/1996	Latham, Jr. et al.			
	5,571,068	11/1996	Bacehowski et al.			
	5,605,842	2/1997	Langley et al.			
	5,607,579	3/1997	Latham, Jr. et al.			
	5,607,830	3/1997	Biesel et al.			
	5,611,997	3/1997	Langley et al.			
	5,614,106	3/1997	Payrat et al.			
	5,651,766	7/1997	Kingsley et al.			
	5,653,887	8/1997	Wahl et al.			
	5,674,173	10/1997	Hlavinka et al.			
	5,702,357	12/1997	Bainbridge et al.			
	5,704,888	1/1998	Hlavinka et al.			
	5,704,889	1/1998	Hlavinka et al.			
	5,722,926	3/1998	Hlavinka et al.			
	5,723,050	3/1998	Unger et al.			
	5,728,060	3/1998	Kingsley et al.			
	5,733,253	3/1998	Headley et al.			
	5,738,644	4/1998	Holmes et al.			
	5,738,792	4/1998	Schoendorfer			
	5,779,660	7/1998	Kingsley et al.			

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,783,085	7/1998	Fischel			
	5,792,038	8/1998	Hlavinka			
	5,853,382	12/1998	Kingsley et al.			
	5,876,321	3/1999	Hlavinka et al.			
	5,882,289	3/1999	Sakota et al.			
	5,885,239	3/1999	Headley et al.			
	5,904,355	5/1999	Powers			
	5,939,319	8/1999	Hlavinka et al.			
	5,951,877	9/1999	Langley et al.			
	5,954,626	9/1999	Hlavinka			
	6,007,509	12/1999	Kingsley et al.			
	6,019,742	2/2000	Headley et al.			
	6,039,711	3/2000	Headley et al.			
	6,053,856	4/2000	Hlavinka			
	6,062,078	5/2000	Meisberger			
	6,074,335	6/2000	Headley et al.			
	6,099,491	8/2000	Headley et al.			
	6,102,883	8/2000	Kingsley et al.			
	6,200,287	3/2001	Keller et al.			
	6,221,315	4/2001	Giesler et al.			
	6,261,217	7/2001	Unger et al.			
	6,273,849	8/2001	Scherer			
	6,277,060	8/2001	Neumann			
	6,280,375	8/2001	Meisberger et al.			
	6,296,602	10/2001	Headley			
	6,315,707	11/2001	Smith et al.			
	6,319,471	11/2001	Langley et al.			
	6,322,488	11/2001	Westberg et al.			

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. B0023-US02	SERIAL NO. 10/709079
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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,325,775	12/2001	Thom et al.			
	6,334,842	1/2002	Hlavinka et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
DE26 58 926	12/1976	DE			
EP0096217	2/1983	EP			
EP0214803	3/1987	EP			
EP1043072	10/11/2000	EP			Abstract Only
JP55086552	6/30/1980	JP			Abstract only
PCT/US00/06561	9/2000	WO			
PCT/US95/13447	4/1996	International Search Report(03/29/1996)			
PCT/US95/13447	4/1996	WO			
PCT/US96/03018	12/1996	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

D. W. Schoendorfer: Automation in Apheresis, pp.129-146 (undated, in use one year prior to filing)
International Search Report for Corresponding PCT Application PCT/US01/46940

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